

SYSTEM AND METHOD FOR MINIMIZING THE LOSS OF INFORMATION IN CORDLESS COMMUNICATIONS

ABSTRACT OF THE DISCLOSURE

The present invention comprises a system and method for minimizing the loss of information in cordless communications. The system comprises a first data station (12) having control logic (11) operable to establish a plurality of individual communication channels (12a-12d) between the base station (12) and second data station (13). Each of the channels is associated with a unique channel frequency. The control logic (11) is also operable to select a first unique channel frequency to be used for the first channel (12a) between the two data stations (12-13), determine parameters relating to a spectral separation between each of the channels (12a-12d), and select unique channel frequencies for the remainder of the plurality of channels (12b-12d) in response to the determined parameters. The system also comprises response logic (19) residing in the second data station (13) that is operable to receive the information from the first data station (12) on the plurality of communication channels (12a-12d).